



IFW

I hereby certify that this correspondence
is being deposited with the United States
Postal Service as first class mail in an
envelope addressed to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450, on 12/7/04

[Signature]
Attorney for Applicants

Date December 7, 2004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

JOSEPH C. ZUERCHER et al.

Entitled:

APPARATUS AND METHOD FOR REAL TIME
DETERMINATION OF ARC FAULT ENERGY,
LOCATION AND TYPE

Serial No. 10/627,016

Filed: July 25, 2003

)
)
)
) Attorney Docket No.
) 02-mAE2-229
)
)
) Group Art Unit 3696
)
)
) Examiner W. Benson
)
)
)

RESPONSE

600 Grant Street, 44th Floor
Pittsburgh, PA 15219
December 7, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated November 8, 2004, **Remarks** begin on
page 2 of this paper.